



CONSTRUCTION NOTES	
1	INSTALL HAZARDOUS CONDUIT SEALS WHERE THE CONDUIT ENTERS AND LEAVES THE HAZARDOUS CLASSIFIED AREA.
2	MAINTAIN A MINIMUM SPACING OF 300mm BETWEEN PRIMARY AND ALTERNATE WIRING CIRCUITS WHEN TRAVELING VERTICALLY TO VENTILATION ROOM.

ZONE DESCRIPTIONS	
ZONE	DESCRIPTION
S01	SECONDARY CLARIFIERS LOWER LEVEL
S02	SECONDARY CLARIFIER 1 & 2 MAIN LEVEL
S03	SECONDARY CLARIFIER 3 MAIN LEVEL
S04	SECONDARY CLARIFIERS TRUCK BAY, LAB, AND ELECTRICAL ROOM AREA
S05	SECONDARY CLARIFIERS VENTILATION ROOM
S06	SECONDARY CLARIFIERS EAST STAIRWELL
S07	SECONDARY CLARIFIERS 1 & 2 STAIRWELL
S08	SECONDARY CLARIFIER 3 STAIRWELL

- NOTES:
1. DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS-Sxxx-yyy, WHERE xxx IS THE ROOM NUMBER, AND yyy IS THE DEVICE IDENTIFIER.
  2. ALL REQUIRED HAZARDOUS CONDUIT SEALS ARE NOT NECESSARILY SHOWN. INSTALL AS PER CEC REQUIREMENTS.



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 209-2011	2011/03/11	EFB	CJR

**SNC-LAVALIN INC.**  
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 Winnipeg, MB, Canada R3P 0X7  
 204-798-8080

DESIGNED BY: E. BOHNCKE  
 CHECKED BY: C. REIMER  
 DRAWN BY: E. BOHNCKE  
 APPROVED BY: C. REIMER  
 SCALE: --  
 RELEASED FOR CONSTRUCTION BY: N. HARRINGTON  
 DATE: 2011/03/22  
 DATE: 2011/03/11  
 CONSULTANT NO.: 112577-0101-47DD-0067

ENGINEER'S SEAL

ORIGINAL DRAWING  
 SEALED BY:  
 C. J. REIMER  
 SNC-LAVALIN  
 MEMBER #21968  
 2011/03/25  
 REV. 00

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTER  
 FIRE ALARM UPGRADE  
 FIRE ALARM RISER DIAGRAM  
 SECONDARY CLARIFIERS - DETECTION

CITY DRAWING NUMBER: 1-0102S-E0009  
 SHEET: 001  
 REV.: 00  
 SIZE: A1

1-0102A-E0002	PANEL NETWORKING DIAGRAM
1-0102A-E0001	FIRE ALARM LEGEND AND DETAILS
DRAWING NUMBER	REFERENCE DRAWINGS